

DATE: April 23, 2020

TO: Todd Wyett, Chairman
State Transportation Commission

FROM: Paul C. Ajegba
Director

SUBJECT: Waiver of Commission Approval

The projects and descriptions documented in Exhibit A, attached, are contracts between the Michigan Department of Transportation, local public agencies, rail, and passenger transportation. These contracts require approval of the State Transportation Commission (STC). The approximate 13-week delay if Commission approval were deferred to the next STC meeting of July 23, 2020, would result in a delay in transmittal of funds, jeopardize project schedules, and transportation services.

The projects and descriptions documented in Exhibit A-1 attached, will be let by the Michigan Department of Transportation on May 1, and May 6, 2020. These projects require pre-approval as the engineers' estimates are over \$500,000. The approximate 13-week delay resulting if Commission pre-approval were deferred to the next STC meeting on July 23, 2020, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedules.

The projects and descriptions documented in Exhibit A-2, attached, were let by the Michigan Department of Transportation on March 6, and April 3, 2020. The low bids received were more than 10% over the engineers' estimate, or only received one bid, and therefore require approval by the STC. The approximate 13-week delay resulting if Commission approval were deferred to the next STC meeting on July 23, 2020, would delay the transmittal of the contract documents to the low bidders, and jeopardize the construction schedule.

The projects and descriptions documented in Exhibit A-3, attached, were let on March 6, and April 3, 2020. These projects are being submitted for informational purposes since only one bid was received for these projects and the engineers' estimate was less than \$500,000.

Thus, a waiver of the required Commission approval is requested, as provided in Commission Resolution 79-3, as amended, footnote F:

"If, in the opinion of the Director, the public interest requires that a certain contract be awarded or an agreement be executed prior to approval by the Commission, hereunder, the Director shall seek a waiver of the required approval from the Chairman of the Transportation Commission. If the request of the approval is verbal, the waiver shall be confirmed, in writing, within fourteen (14) days."

If the waiver is granted, the Department will proceed to execute the items noted above.

Signed copy on file

Director

The request for waiver of Commission approval of the above-mentioned item is approved.

Signed copy on file

April 22, 2020

Todd Wyett, Chairman

Date

REQUEST FOR MICHIGAN STATE TRANSPORTATION COMMISSION APPROVAL

CONTRACTS

April 23, 2020

The following contracts are being submitted for approval. The appropriate documents will be approved by the Attorney General and comply with all legal and fiscal requirements prior to award.

CONTRACTS

1. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2019-5131) between MDOT and the City of Pontiac will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Roadway reconstruction and resurfacing work along Centerpoint Parkway from South Boulevard to Opdyke Road.

This contract is for the construction portion of the project only. When the project is complete, the remaining local minimum match of \$238,000 will be met through local participation in the following project-related costs: preliminary engineering, right-of-way acquisition, construction, and construction engineering.

This contract was previously approved by the State Transportation Commission at its April 18, 2019, meeting. However, there was an increase in the amount of State Restricted TED Funds to be applied to the eligible items of the project from \$3,600,000 to \$4,529,410, as shown below.

Estimated Funds:

State Restricted TED Funds	\$4,529,410
City of Pontiac Funds	<u>\$ 238,390</u>
Total Funds	<u>\$4,767,800</u>

EDA 63000 – 206869; Oakland County
Local Letting

2. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2019-5413) between MDOT and the Huron County Drain Commissioner will provide for funding participation in the following improvements:

Drain clean-out and improvement work along Highway M-19 at the R.E.A. Drain, located between Leppek Road and Main Street.

Estimated Funds:

State Restricted Trunkline Funds	<u>\$485,000</u>
Total Funds	<u>\$485,000</u>

M 84900 – 209278CON; Huron County
Local Letting

3. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2019-5414) between MDOT and the Huron County Drain Commissioner will provide for funding participation in the following improvements:

Drain clean-out and improvement work along Highway M-142 at the Hardwood Drain, located at Learman Road.

Estimated Funds:

State Restricted Trunkline Funds	<u>\$107,000</u>
Total Funds	<u>\$107,000</u>

M 84900 – 209278CON; Huron County
Local Letting

4. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2020-5134) between MDOT and the City of Sandusky will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds):

PART A

Hot mix asphalt base crushing, shaping, and resurfacing work along Dawson Street from Highway M-46 (Sanilac Avenue) northerly to West Argyle Street, including concrete curb, gutter, and sidewalk installation work.

PART B

Water main installation work within the limits described in Part A.

Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
State Restricted TED Funds	\$377,400	\$ -0-	\$377,400
City of Sandusky Funds	<u>\$ 94,300</u>	<u>\$11,300</u>	<u>\$105,600</u>
Total Funds	<u>\$471,700</u>	<u>\$11,300</u>	<u>\$483,000</u>

EDD 74141 – 130159; Sanilac County
Letting of 5/1/2020

5. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2020-5156) between MDOT and the Village of Grass Lake will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Hot mix asphalt chip seal work along Lakeside Drive from North Lake Street to the west village limits of Grass Lake, including culvert replacement work.

Estimated Funds:

State Restricted TED Funds	\$30,000
Village of Grass Lake Funds	<u>\$30,000</u>
Total Funds	<u>\$60,000</u>

EDB 38000 – 210187; Jackson County
Local Letting

6. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2020-5158) between MDOT and the City of Detroit will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Roadway reconstruction work along Mt. Elliott Street from Georgia Street southerly to Conant Street, including widening to accommodate right-turning movements from northbound Mt. Elliott Street to eastbound Georgia Street and left-turning movements from southbound Mt. Elliott Street to eastbound Miller Street, and concrete sidewalk work.

Estimated Funds:

State Restricted TED Funds	\$2,424,208
City of Detroit Funds	<u>\$ 900,312</u>
Total Funds	<u>\$3,324,520</u>

EDA 82000 – 210175; Wayne County
Local Letting

7. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2020-5163) between MDOT and the Village of Lawrence will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category B Funds:

Hot mix asphalt cold milling and resurfacing work along Blackman Street from East St. Joseph Street southerly to the end of Blackman Street and along South Street from Paw Paw Street easterly to Blackman Street, including road widening and concrete culvert removal and replacement work.

Estimated Funds:

State Restricted TED Funds	\$ 94,500
Village of Lawrence Funds	<u>\$ 94,500</u>
Total Funds	<u>\$189,000</u>

EDB 80000 – 210189CON; Van Buren County
Local Letting

8. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2020-5171) between MDOT and the Village of Bloomingdale will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development Category D Funds, which are allocated for Local Agency projects (State Restricted TED Funds), and Federal Highway Administration Surface Transportation Program – Rural Funds designated for Local Agency projects (FHWA STP – Rural Funds):

PART A

Hot mix asphalt cold milling and resurfacing work along Kalamazoo Street from Oak Street to the west village limits of Bloomingdale, including roadway grading, aggregate base, underdrain, pavement marking, traffic control, and restoration work.

PART B

Audio-visual survey work within the limits described in Part A.

Estimated Funds:

	<u>PART A</u>	<u>PART B</u>	<u>TOTAL</u>
State Restricted TED Funds	\$ 16,800	\$ -0-	\$ 16,800
FHWA STP – Rural Funds	\$279,059	\$ -0-	\$279,059
Village of Bloomingdale Funds	<u>\$110,841</u>	<u>\$1,000</u>	<u>\$111,841</u>
Total Funds	<u>\$406,700</u>	<u>\$1,000</u>	<u>\$407,700</u>

STL 80141 – 129859; Van Buren County

Letting of 5/1/2020

9. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2020-5172) between MDOT and the City of Beaverton will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Roadway reconstruction work along Glidden Road from Highway M-18 to Terry Diane Street, including concrete curb and gutter and drainage improvement work. Hot mix asphalt resurfacing work along Terry Diane Street from Glidden Road to approximately 1,325 feet south of Glidden Road.

Estimated Funds:

State Restricted TED Funds	\$484,956
City of Beaverton Funds	<u>\$323,304</u>
Total Funds	<u>\$808,260</u>

EDA 26000 – 210203; Gladwin County

Local Letting

10. HIGHWAYS - Participation for Local Agency Construction Contract

Contract (2020-5189) between MDOT and the City of Sault Ste Marie will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Roadway construction work for the relocation of Salmon Run Way, including drainage improvement work.

Estimated Funds:

State Restricted TED Funds	\$197,400
City of Sault Ste Marie Funds	<u>\$222,600</u>
Total Funds	<u>\$420,000</u>

EDA 17000 – 204293; Chippewa County

Local Letting

11. HIGHWAYS - Participation for Local Agency Construction Contract
Contract (2020-5204) between MDOT and the City of Albion will provide for funding participation in the construction of the following improvements utilizing State Transportation Economic Development (TED) Category A Funds:

Hot mix asphalt crushing, shaping, and resurfacing along North Clark Street/29 Mile Road from East North Street to B Drive North, including shoulder, ditch, culvert, concrete sidewalk ramp, pavement marking, and restoration work.

Estimated Funds:

State Restricted TED Funds	\$340,000
City of Albion Funds	<u>\$220,500</u>
Total Funds	<u>\$560,500</u>

EDA 13000 – 210312; Calhoun County
Local Letting

12. *EXECUTIVE (Office of Economic Development) - SIB Loan
Contract (2020-0461) between MDOT and the Macatawa Area Express Transportation Authority is a state infrastructure bank (SIB) loan to assist the Authority in financing transportation infrastructure improvements through the purchases of buses for public transportation. The Authority plans to use federal grant funds to repay the loan. MDOT will loan \$1,417,847 at 2.5 percent interest for 20 months to the Macatawa Area Express Transportation Authority. The contract will be in effect from the date of award through December 31, 2021. Source of Funds: SIB Loan Funds - \$1,417,847.

13. PASSENGER TRANSPORTATION - Section 5316 Program
Project Authorization (25) Revision (5) under Master Agreement (2007-0201) between MDOT and the City of Detroit will extend the authorization term by one year to provide sufficient time for the City to complete the projects. The additional time is needed because of a delay caused by issues with the vendor selection. The original authorization provides state matching funds for the City's FY 2008/FY 2009/FY 2010/FY 2011 Federal Section 5316 Job Access and Reverse Commute Program grant for expansion buses, support equipment, operating assistance, and mobility management. The revised authorization term will be September 23, 2010, through September 22, 2021. The authorization amount remains unchanged at \$12,068,154. The term of the master agreement is from October 1, 2006, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2007 through FY 2011. Source of Funds: Federal Transit Administration Funds - \$6,308,395; FY 2010, FY 2011, FY 2012, FY 2013, and FY 2014 State Restricted Comprehensive Transportation Funds - \$5,759,759.

14. PASSENGER TRANSPORTATION - Section 5309 Program
Project Authorization (8) Revision (2) under Master Agreement (2012-0072) between MDOT and the City of Detroit will extend the authorization term by one year to provide sufficient time for the City to complete the projects. The projects have recognized cost savings, and the remaining funds will be used for technology upgrades. The original authorization provides state matching funds for the FY 2011 and FY 2012 Federal Section 5309 Capital Discretionary Program and State of Good Repair Program grant for bus rehabilitation/rebuilding, facility rehabilitation and renovation, and the purchase of mobile surveillance/security equipment and computer software. The revised authorization term will be October 30, 2013, through October 29, 2021. The authorization amount remains unchanged at \$26,897,864. The term of the master agreement is from October 1, 2011, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2012 through FY 2016. Source of Funds: Federal Transit Administration Funds - \$21,518,291; FY 2012 and FY 2013 State Restricted Comprehensive Transportation Funds - \$2,503,839; FY 2013 State Transportation Funds - \$2,875,734.
15. PASSENGER TRANSPORTATION - Michigan Mobility Challenge
Project Authorization (9) Revision (3) under the Master Agreement (2017-0008) between MDOT and the Ann Arbor Area Transportation Authority will extend the authorization term by nine months to provide sufficient time for the Authority to complete the project. The project was delayed because of the change of a key member of the project team responsible for developing the web and mobile applications, which resulted in performance issues and the need to select a new vendor. The original authorization provides 100 percent state funds for the demonstration of technology to assist seniors and people with visual impairments and other disabilities in locating bus stops and final destinations. The revised authorization term will be January 7, 2019, through December 31, 2020. The authorization amount remains unchanged at \$456,967. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Transportation Funds - \$456,967.
16. PASSENGER TRANSPORTATION - Section 5310 Program
Project Authorization (2) Revision (1) under Master Agreement (2017-0119) between MDOT and the Regional Transit Authority of Southeast Michigan (RTA) will provide an additional \$439,999 in federal funds and \$109,999 in state matching funds under the FY 2018 and FY 2019 Federal Section 5310 Elderly and Persons with Disabilities Program and will extend the authorization term by two years to provide for two additional years of program operations and continued expansion of the program. The original authorization provides state matching funds for the FY 2017 Federal Section 5310 Elderly and Persons with Disabilities Program grant for ongoing operations and expansion of the existing regional mobility management program. The revised authorization term will be September 22, 2017, through September 21, 2022. The revised authorization amount will be \$887,495. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: Federal Transit Administration Funds - \$709,997; FY 2019 and FY 2020 State Restricted Comprehensive Transportation Funds - \$177,498.

17. PASSENGER TRANSPORTATION - Michigan Mobility Challenge
Project Authorization (5) Revision (1) under Master Agreement (2017-0119) between MDOT and the Regional Transit Authority of Southeast Michigan will extend the authorization term by approximately 19 months to provide sufficient time for the Authority to complete the project. The project was delayed because of the change of a key member of the project team responsible for developing the web and mobile applications, which resulted in performance issues and the need to select a new vendor. The original authorization provides 100 percent state funds under the FY 2019 Michigan Mobility Challenge for an integrated online booking and trip-management platform for seniors and persons with disabilities who use paratransit services in southeast Michigan. The revised authorization term will be February 25, 2019, through September 30, 2021. The authorization amount remains unchanged at \$1,050,000. The term of the master agreement is from October 1, 2016, until the last obligation between the parties has been fulfilled. The master agreement includes authorizations for program years FY 2017 through FY 2021. Source of Funds: FY 2018 State Transportation Funds - \$1,050,000.
18. RAIL – Design Services
Contract (2019-0984) between MDOT and Fishbeck will provide for design services to be performed for Americans with Disabilities Act-compliant platform replacement and parking lot paving at the Jackson Amtrak station. The work items will include performing design surveys; preparing required plans, typical cross-sections, details, and specifications; computing and verifying all plan quantities; and preparing staging plans and special provisions for maintaining traffic during construction. The contract will be in effect from the date of award through one year. The contract amount will be \$210,769.71. Source of Funds: 100% State Restricted Comprehensive Transportation Funds.
19. *RAIL – Freight Economic Development Program
Contract (2020-0362) between MDOT and Northern Dry Bulk, Inc., will provide financial assistance in the form of a grant for the addition of a track to a transload facility in Grand Rapids, Michigan. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled, until the contract is terminated, or until the appropriate grant funds have been dispensed. The estimated project cost is \$369,820. MDOT will reimburse Northern Dry Bulk, Inc., 50 percent of the project cost up to a maximum amount of \$184,910. Source of Funds: FY 2020 State Restricted Comprehensive Transportation Funds - \$184,910; Northern Dry Bulk, Inc., Funds - \$184,910.
20. *RAIL - Freight Economic Development Program
Contract (2020-0429) between MDOT and Greene's Propane Gas, LLC, will provide financial assistance in the form of a grant for the construction of a transload track in Kawkawlin Township, Bay County. MDOT's original contract with Greene's Propane Gas, LLC (2019-0459), provided assistance in the form of a forgivable loan. Under that contract, MDOT would reimburse Greene's Propane Gas, LLC, for 50 percent of the project costs as they were incurred and invoiced; loan payments/forgiveness would be determined over a five-year reporting period based on certain carload requirements. However, Greene's Propane Gas, LLC, has requested that the loan contract be modified into a grant contract. To date, MDOT has not paid Greene's Propane Gas, LLC, any portion of the project costs. The grant will be in effect from May 16, 2019, until the last obligation between the parties has been fulfilled, until the grant contract is terminated, or until the appropriate funds have been disbursed. The estimated project cost is \$382,071. MDOT will reimburse Greene's Propane Gas, LLC, for 50 percent of the project cost, up to a maximum amount of \$191,035.50. The contract provides for actual reimbursement to be calculated based on the number of carloads of freight shipped to and from the facility annually over a five-year reporting period. Greene's Propane Gas, LLC, commits to shipping and/or receiving a minimum of 150 new carloads of freight annually. Upon its award, this contract will supersede Contract (2019-0459). Source of Funds: FY 2020 State Restricted Comprehensive Transportation Funds - \$191,035.50; Greene's Propane Gas, LLC, Funds - \$191,035.50.

21. *RAIL – Property Improvement

Contract (2020-0508) between MDOT and Huron & Eastern Railway, Inc., will provide financial assistance to Huron & Eastern Railway, Inc., for the replacement and repair of portions of the state-owned rail infrastructure in Vassar, Tuscola County. Huron & Eastern Railway, Inc., provides freight rail service along the state-owned rail infrastructure. The contract will be in effect from the date of award until the last obligation between the parties has been fulfilled. The estimated project cost is \$1,086,329. MDOT will cover 90 percent of the project cost, up to a maximum amount of \$977,696. Source of Funds: FY 2020 Michigan Rail Loan Assistance Program Funds - \$977,696; Huron & Eastern Railway, Inc., Funds - \$108,633.

Upon receipt of your approval, the contracts and agreements will be processed for award. Subject to the exercise of the discretion in the processing, I approve the contracts described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 19, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba
Director

REQUEST FOR MICHIGAN STATE TRANSPORTATION
COMMISSION APPROVAL
BID LETTING PRE-APPROVAL

April 23, 2020

The following contracts are being submitted for approval.

STATE PROJECTS

1. Letting of May 1, 2020
Letting Call: 2005 005
Project: STG 14061-200366
Local Agreement: 20-5069
Start Date: October 19, 2020
Completion Date: May 27, 2021

Prequalification Level:
\$2,111,000.00

Traffic signal modernizations, sidewalk ramp upgrades and ITS/connected vehicle installation on various routes in the cities of New Buffalo, Niles and Dowagiac, Berrien, Cass and Kalamazoo Counties.

3.00 % DBE participation required

2. Letting of May 1, 2020
Letting Call: 2005 006
Project: ER 31013-206005
Local Agreement:
Start Date: 10 days after award
Completion Date: October 16, 2020

Prequalification Level:
\$876,000.00

0.06 mi of culvert replacement, scouring countermeasures and approach reconstruction on M-26 at Unnamed Creek north of Junction Road, Houghton County. This project includes a 5-year materials and workmanship pavement warranty.

2.00 % DBE participation required

3. Letting of May 1, 2020
Letting Call: 2005 007
Project: HSIP 50111-209356
Local Agreement:
Start Date: June 1, 2020
Completion Date: July 31, 2020

Prequalification Level:
\$504,000.00

0.79 mi of high friction surface treatment and pavement markings on I-94 from Masonic Boulevard to 14 Mile Road and from Harper Avenue to Shook Road in the city of St. Clair Shores, Macomb County.

0.00 % DBE participation required

- | | | |
|----|--|--|
| 4. | Letting of May 1, 2020
Letting Call: 2005 009
Project: M 41131-209675
Local Agreement:
Start Date: 10 days after award
Completion Date: November 15, 2020 | Prequalification Level:
\$700,000.00 |
|----|--|--|

Bridge rehabilitation including PCI-Beam repair on 4 structures and steel beam repair on 4 structures on various routes in the cities of Wyoming and Grand Rapids, Allegan, Kent and Ottawa Counties.

0.00 % DBE participation required

- | | | |
|----|--|--|
| 5. | Letting of May 1, 2020
Letting Call: 2005 010
Project: ST 83031-204745
Local Agreement:
Start Date: November 2, 2020
Completion Date: April 3, 2021 | Prequalification Level:
\$740,000.00 |
|----|--|--|

Installation of 3 environmental and 2 traffic signal sensor station camera sites and 1 bridge deck warning system on US-131 and 3 RWIS Stations on M-22, M-32 and I-75 and ESS Cameras on M-68 and M-72, Leelanau, Montmorency, Ogemaw, Oscoda, Presque Isle and Wexford Counties.

0.00 % DBE participation required

- | | | |
|----|--|--|
| 6. | Letting of May 1, 2020
Letting Call: 2005 034
Project: M 02041-209695
Local Agreement:
Start Date: June 16, 2020
Completion Date: June 25, 2021 | Prequalification Level:
\$1,155,000.00 |
|----|--|--|

Bridge rehabilitation including replacement of expansion joints, bearings, end headers, concrete backwall removal, substructure repair, deck patching, epoxy overlay, partial painting, steel diaphragm installation and temporary supports on M-28 over Au Train River, Alger County. This project includes a 5-year epoxy overlay performance warranty.

0.00 % DBE participation required

7. Letting of May 1, 2020
Letting Call: 2005 038
Project: ST 37021-132949
Local Agreement:
Start Date: September 9, 2020
Completion Date: July 30, 2021

Prequalification Level:
\$1,908,000.00

Pump station rehabilitation including removal and replacement of mechanical and electrical components and structure repairs on M-20 in the city of Mt. Pleasant, Isabella County.

0.00 % DBE participation required

8. Letting of May 1, 2020
Letting Call: 2005 064
Project: M 82112-209913
Local Agreement:
Start Date: June 1, 2020
Completion Date: October 1, 2020

Prequalification Level:
\$5,553,000.00

0.13 mi of retaining wall replacement and utility relocations along M-10 at Outer Drive in the city of Detroit, Wayne County. This project includes a 2-year concrete surface coating warranty.

0.00 % DBE participation required

9. Letting of May 1, 2020
Letting Call: 2005 068
Project: M 49111-210191
Local Agreement:
Start Date: 10 days after award
Completion Date: October 30, 2020

Prequalification Level:
\$1,215,000.00

3.15 mi of hot mix asphalt pavement, aggregate base, geotextile liner, riprap and pavement markings on M185 from north of Dennis O. Cawthorne Shoreline Trail northerly to north of British Landing on Mackinac Island, Mackinac County.

0.00 % DBE participation required

10. Letting of May 6, 2020
Letting Call: 2005 601
Project: ST 25000-209686
Local Agreement:
Start Date: July 7, 2020
Completion Date: 53 Working Days

Prequalification Level:
\$598,000.00

Up to 182.57 mi of hot mix asphalt crack treatment on various routes in various cities and villages, Genesee, Huron, Lapeer, Sanilac, Shiawassee, St. Clair and Tuscola Counties. This project will be constructed using an innovative contracting method, Fixed Price Variable Scope. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

- | | | |
|-----|--|--|
| 11. | Letting of May 6, 2020
Letting Call: 2005 602
Project: ST 36000-209611
Local Agreement:
Start Date: June 15, 2020
Completion Date: September 25, 2020 | Prequalification Level:
\$595,000.00 |
|-----|--|--|

Up to 312.82 Inmi of hot mix asphalt crack treatment and overband crack filling on various routes, Delta, Dickinson, Gogebic, Iron and Menominee Counties. This project will be constructed with an innovative contracting method, Fixed Price Variable Scope.

0.00 % DBE participation required

- | | | |
|-----|---|--|
| 12. | Letting of May 6, 2020
Letting Call: 2005 603
Project: ST 52000-209353
Local Agreement:
Start Date: 10 days after award
Completion Date: August 14, 2020 | Prequalification Level:
\$550,000.00 |
|-----|---|--|

Up to 271.86 Inmi of hot mix asphalt crack treatment and overband crack filling on various state trunkline routes in Baraga, Houghton, Keweenaw, Marquette and Ontonagon Counties. This project will be constructed with an innovative contracting method, fixed price variable scope. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

- | | | |
|-----|---|--|
| 13. | Letting of May 6, 2020
Letting Call: 2005 604
Project: ST 48042-205231
Local Agreement:
Start Date: 0 days after award
Completion Date: September 18, 2020 | Prequalification Level:
\$560,000.00 |
|-----|---|--|

Up to 247.86 Inmi of hot mix asphalt crack treatment and overband crack filling on various state trunklines in Alger, Schoolcraft, Luce, Mackinac, and Chippewa counties. This project will be constructed with an innovative contracting method, Fixed Price Variable Scope. This project includes a 2-year pavement performance warranty.

0.00 % DBE participation required

LOCAL PROJECTS

14. Letting of May 1, 2020
Letting Call: 2005 001
Project: STU 41000-130594
Local Agreement: 20-5124
Start Date: 10 days after award
Completion Date: August 28, 2020
- Prequalification Level:
\$1,394,000.00

0.99 mi of hot mix asphalt cold milling and resurfacing, subbase, aggregate base, drainage and pavement markings on 84th Street from Kalamazoo Avenue to Breton Avenue, Kent County. This is a Local Agency project.

3.00 % DBE participation required

15. Letting of May 1, 2020
Letting Call: 2005 002
Project: STL 41000-209318
Local Agreement: 20-5092
Start Date: 10 days after award
Completion Date: July 3, 2020
- Prequalification Level:
\$1,200,000.00

4.60 mi of hot mix asphalt cold milling and resurfacing, guardrail and pavement markings on Grand River Drive SE from Snow Avenue to Segwun Avenue, Kent County. This is a Local Agency project.

4.00 % DBE participation required

16. Letting of May 1, 2020
Letting Call: 2005 013
Project: STU 41000-205251
Local Agreement: 20-5123
Start Date: July 20, 2020
Completion Date: September 24, 2021
- Prequalification Level:
\$1,266,000.00

0.23 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, water main and pavement markings on Hastings Street from Prospect Avenue to College Avenue in the city of Grand Rapids, Kent County. This is a Local Agency project.

5.00 % DBE participation required

17. Letting of May 1, 2020
Letting Call: 2005 014
Project: EDC 41000-130586
Local Agreement: 20-5136
Start Date: July 6, 2020
Completion Date: October 2, 2020
- Prequalification Level:
\$971,000.00

0.55 mi of hot mix asphalt reconstruction, widening and resurfacing, sewers, concrete curb and gutter, guardrail and pavement markings on Alden Nash Avenue SE from south of Segwun Avenue (Alden Nash Avenue) to Grand River Drive, Kent County. This is a Local Agency project.

0.00 % DBE participation required

- | | | |
|-----|---|--|
| 18. | Letting of May 1, 2020
Letting Call: 2005 015
Project: STL 09000-209419
Local Agreement: 20-5130
Start Date: May 4, 2020
Completion Date: September 18, 2020 | Prequalification Level:
\$795,000.00 |
|-----|---|--|

0.97 mi of hot mix asphalt base crushing, shaping and overlay, ditching, shoulders, signing and pavement markings on Salzburg Road from Eleven Mile Road east to Garfield Road, Bay County. This is a Local Agency project.

4.00 % DBE participation required

- | | | |
|-----|--|--|
| 19. | Letting of May 1, 2020
Letting Call: 2005 016
Project: STU 70000-130597
Local Agreement: 20-5137
Start Date: 10 days after award
Completion Date: June 12, 2020 | Prequalification Level:
\$840,000.00 |
|-----|--|--|

1.69 mi of hot mix asphalt cold milling and resurfacing, bridge deck sealing, sidewalk ramps and pavement markings on 44th Avenue/Port Sheldon Street from Chicago Drive to 8th Avenue, Ottawa County. This is a Local Agency project.

3.00 % DBE participation required

- | | | |
|-----|---|--|
| 20. | Letting of May 1, 2020
Letting Call: 2005 017
Project: STL 46000-206251
Local Agreement: 20-5128
Start Date: July 13, 2020
Completion Date: October 30, 2020 | Prequalification Level:
\$788,000.00 |
|-----|---|--|

5.71 mi of hot mix asphalt surfacing, approaches, shoulders and pavement markings on Holloway Road/Ridge Highway from Rogers Highway to M-50, Lenawee County. This is a Local Agency project.

3.00 % DBE participation required

21. Letting of May 1, 2020
Letting Call: 2005 018
Project: TAL 16000-208869
Local Agreement: 20-5129
Start Date: 10 days after award
Completion Date: September 19, 2022
- Prequalification Level:
\$1,559,000.00
- 0.61 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, storm sewer, signing, pedestrian safety improvements and pavement markings on South Straits Highway from Dorothy Avenue to River Street, Cheboygan County. This is a Local Agency project.
- 4.00 % DBE participation required
22. Letting of May 1, 2020
Letting Call: 2005 019
Project: MCS 56000-202396
Local Agreement: 20-5143
Start Date: April 12, 2021
Completion Date: September 30, 2021
- Prequalification Level:
\$2,835,000.00
- Bridge reconstruction with 2 span steel tub girder, concrete substructure, prefabricated superstructure, piles, riprap and pavement markings on Coleman Road over Chippewa River, Midland County. This is a Local Agency project.
- 0.00 % DBE participation required
23. Letting of May 1, 2020
Letting Call: 2005 020
Project: MCS 81000-202458, ETC
Local Agreement: 20-5118
Start Date: June 15, 2020
Completion Date: October 31, 2020
- Prequalification Level:
\$1,796,000.00
- 0.01 mi of single lane roundabout, hot mix asphalt resurfacing, shoulder widening, pavement markings and bridge reconstruction with a four-sided culvert and approach work on Miller Road at Wagner Road and Miller Road over Honey Creek, Washtenaw County. This is a Local Agency project.
- 5.00 % DBE participation required
24. Letting of May 1, 2020
Letting Call: 2005 021
Project: HRRR 39000-207249
Local Agreement: 20-5149
Start Date: June 15, 2020
Completion Date: May 30, 2021
- Prequalification Level:
\$776,000.00

2.02 mi of hot mix asphalt wedging, concrete curb and gutter, earth work, shoulder widening, drainage, guardrail and pavement markings on G Avenue from 2nd Street to 6th Street, Kalamazoo County. This is a Local Agency project.

0.00 % DBE participation required

25. Letting of May 1, 2020
Letting Call: 2005 023
Project: STL 09000-206159
Local Agreement: 20-5146
Start Date: 10 days after award
Completion Date: June 12, 2021
- Prequalification Level:
\$1,257,000.00

1.77 mi of hot mix asphalt cold milling, cold in place recycling and resurfacing, drainage, signing and pavement markings on Garfield Road from Hotchkiss Road to US-10, Bay County. This is a Local Agency project.

3.00 % DBE participation required

26. Letting of May 1, 2020
Letting Call: 2005 025
Project: EDD 55555-120964
Local Agreement: 20-5126
Start Date: 10 days after award
Completion Date: September 4, 2020
- Prequalification Level:
\$951,000.00

0.22 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, earth work, aggregate base, storm and sanitary sewer, water main and pavement markings on Samuel Street from Railroad Street to Section Street in the city of Stephenson, Menominee County. This is a Local Agency project.

0.00 % DBE participation required

27. Letting of May 1, 2020
Letting Call: 2005 028
Project: TA 25000-203233
Local Agreement: 20-5162
Start Date: June 1, 2020
Completion Date: October 30, 2020
- Prequalification Level:
\$1,139,000.00

2.10 mi of hot mix asphalt shared use path, concrete sidewalk, remote drop off lot, driveways and drainage on LAFF Pathway from Chestnut Way to Haviland Beach Drive, Genesee County. This is a Local Agency project.

5.00 % DBE participation required

28. Letting of May 1, 2020
Letting Call: 2005 030
Project: MCS 63000-205755
Local Agreement: 20-5165
Start Date: 10 days after award
Completion Date: July 1, 2021

Prequalification Level:
\$2,308,000.00

0.10 mi of bridge rehabilitation including replacement of existing traffic barrier, pedestrian railing, concrete sidewalk and guardrail on Grand River Avenue over CSX railroad in the city of Novi, Oakland County. This is a Local Agency project.

0.00 % DBE participation required

29. Letting of May 1, 2020
Letting Call: 2005 032
Project: STU 82000-203577
Local Agreement: 20-5145
Start Date: July 13, 2020
Completion Date: May 31, 2021

Prequalification Level:
\$2,465,000.00

1.24 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, storm sewer, concrete sidewalk and ramps, drainage, signing and pavement markings on Outer Drive from Michigan Avenue to Golfview Drive in the city of Dearborn, Wayne County. This is a Local Agency project.

4.00 % DBE participation required

30. Letting of May 1, 2020
Letting Call: 2005 039
Project: STL 09000-209418
Local Agreement: 20-5148
Start Date: 10 days after award
Completion Date: June 12, 2021

Prequalification Level:
\$1,333,000.00

3.00 mi of hot mix asphalt base crushing, shaping, cold-in-place recycling and resurfacing, drainage, signing and pavement markings on Mackinaw Road from Townline 16 Road north to Cody-Estey Road, Bay County. This is a Local Agency project.

3.00 % DBE participation required

31. Letting of May 1, 2020
Letting Call: 2005 040
Project: NH 81000-203639
Local Agreement: 20-5107
Start Date: May 18, 2020
Completion Date: August 31, 2020

Prequalification Level:
\$820,000.00

0.78 mi of hot mix asphalt cold milling and resurfacing, replace pedestrian island, concrete sidewalk and ramps and storm sewer on Plymouth Road from Upland Drive to Nixon Road in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

- | | | |
|-----|--|--|
| 32. | Letting of May 1, 2020
Letting Call: 2005 041
Project: STU 82000-203593
Local Agreement: 20-5159
Start Date: June 15, 2020
Completion Date: September 4, 2020 | Prequalification Level:
\$2,043,000.00 |
|-----|--|--|

0.97 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps and pavement markings on Goddard Road from Beech Daly Road to Telegraph Road in the city of Taylor, Wayne County. This is a Local Agency project.

4.00 % DBE participation required

- | | | |
|-----|--|--|
| 33. | Letting of May 1, 2020
Letting Call: 2005 042
Project: STU 41000-130607
Local Agreement: 20-5138
Start Date: 10 days after award
Completion Date: November 13, 2020 | Prequalification Level:
\$3,938,000.00 |
|-----|--|--|

1.22 mi of hot mix asphalt reconstruction, storm sewer, concrete curb, gutter, sidewalk and ramps and pavement markings on Alger Street from Madison Avenue to Kalamazoo Avenue in the city of Grand Rapids, Kent County. This is a Local Agency project.

5.00 % DBE participation required

- | | | |
|-----|---|--|
| 34. | Letting of May 1, 2020
Letting Call: 2005 043
Project: CM 41000-130578, ETC
Local Agreement: 20-5167
Start Date: 10 days after award
Completion Date: October 15, 2020 | Prequalification Level:
\$1,748,000.00 |
|-----|---|--|

2.09 mi of hot mix asphalt cold milling, resurfacing and widening, retaining wall, concrete curb, gutter, sidewalk and ramps and pavement markings on Byron Center Avenue at 44th Street and Byron Center Avenue from the south city limit to 44th Street in the city of Wyoming, Kent County. This is a Local Agency project.

5.00 % DBE participation required

35. Letting of May 1, 2020
Letting Call: 2005 044
Project: STUL 63000-200124
Local Agreement: 20-5174
Start Date: 10 days after award
Completion Date: October 16, 2020

Prequalification Level:
\$1,457,000.00

0.33 mi of hot mix asphalt cold milling and resurfacing, water main, drainage, concrete curb, gutter and ramps, signing and pavement markings on Saginaw Street from Airport Drive to Oakwood Street in the village of Holly, Oakland County. This is a Local Agency project.

5.00 % DBE participation required

36. Letting of May 1, 2020
Letting Call: 2005 045
Project: TIGR 63000-204564
Local Agreement: 20-5175
Start Date: 10 days after award
Completion Date: June 14, 2021

Prequalification Level:
\$4,401,000.00

4.52 mi of hot mix asphalt cold milling and resurfacing, segmented block wall, guardrail and traffic signal on Holly Road from north of Grange Hall Road north to the north Oakland County line, Oakland County. This is a Local Agency project. This project includes 5-year and 1-year Local Agency Program warranties.

5.00 % DBE participation required

37. Letting of May 1, 2020
Letting Call: 2005 046
Project: STL 71555-130339
Local Agreement: 20-5142
Start Date: 10 days after award
Completion Date: October 21, 2020

Prequalification Level:
\$531,000.00

1.19 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, guardrail, culverts, signing and pavement markings on County Road 451 from Mill Highway north to Ristow Highway, Presque Isle County. This is a Local Agency project.

3.00 % DBE participation required

38. Letting of May 1, 2020
Letting Call: 2005 047
Project: STL 09000-209417
Local Agreement: 20-5147
Start Date: 10 days after award
Completion Date: June 12, 2021

Prequalification Level:
\$864,000.00

1.75 mi of hot mix asphalt base crushing, shaping, cold-in-place recycling and resurfacing, drainage and signing on Bullock Road and German Road from Trumbull Road east to M-15, Bay County. This is a Local agency project.

3.00 % DBE participation required

39. Letting of May 1, 2020
Letting Call: 2005 048
Project: HSIP 29000-207412
Local Agreement: 20-5131
Start Date: 10 days after award
Completion Date: September 18, 2020
- Prequalification Level:
\$739,000.00

0.35 mi of hot mix asphalt cold milling and resurfacing, drainage, signals and pavement markings on Begole Road at Cheeseman Road, Gratiot County. This is a Local Agency project.

4.00 % DBE participation required

40. Letting of May 1, 2020
Letting Call: 2005 050
Project: STL 40141-130373
Local Agreement: 20-5203
Start Date: 10 days after award
Completion Date: August 31, 2020
- Prequalification Level:
\$742,000.00

12.41 mi of hot mix asphalt wedging, crack seal, chip seal and fog seal on Plum Valley Road from Rapid City Road east to US-131 and Twin Lake Road from US-131 east to Darragh Road (CR 517), Kalkaska County. This is a Local Agency project.

0.00 % DBE participation required

41. Letting of May 1, 2020
Letting Call: 2005 052
Project: STL 16000-205301
Local Agreement: 20-5139
Start Date: June 1, 2020
Completion Date: October 16, 2020
- Prequalification Level:
\$766,000.00

1.85 mi of hot mix asphalt base crushing, shaping, and resurfacing, concrete curb and gutter, culverts and pavement markings on South River Road from south of Wylie Road northwest to Orchard Beach Road, Cheboygan County. This is a Local Agency project.

5.00 % DBE participation required

42. Letting of May 1, 2020
Letting Call: 2005 054
Project: STUL 38000-130211
Local Agreement: 20-5168
Start Date: 10 days after award
Completion Date: August 27, 2021
- Prequalification Level:
\$2,403,000.00

0.33 mi of hot mix asphalt reconstruction, concrete curb and gutter, sanitary sewer and pavement markings on Martin Luther King Jr. Drive from Morrell Street to Mason Street in the city of Jackson, Jackson County. This is a Local Agency project.

4.00 % DBE participation required

- | | | |
|-----|---|--|
| 43. | Letting of May 1, 2020
Letting Call: 2005 058
Project: STL 58000-133384, ETC
Local Agreement: 20-5178
Start Date: 10 days after award
Completion Date: December 12, 2020 | Prequalification Level:
\$2,823,000.00 |
|-----|---|--|

13.42 mi of hot mix asphalt cold milling and resurfacing, ultra-thin overlay, joint repairs, aggregate shoulders, shoulder widening, guardrail and pavement markings on Custer Road from Doty Road to Raisinville Road, Sterns Road from US-24 to Summit Street, Summerfield Road from Consear Road to St. Anthony Road, North Custer Road from North Raisinville Road to Pinnacle Boulevard, Secor Road from Consear Road to St. Anthony Road, Sterns Road from east of Wellesley Road to Douglas Road and Sterns Road from US-23 to Whiteford Road, Monroe County. This is a Local Agency project.

3.00 % DBE participation required

- | | | |
|-----|---|--|
| 44. | Letting of May 1, 2020
Letting Call: 2005 059
Project: TAUL 28000-202468
Local Agreement: 20-5179
Start Date: 10 days after award
Completion Date: August 13, 2021 | Prequalification Level:
\$2,034,000.00 |
|-----|---|--|

4.52 mi of construction of sidewalk, multi-use trails and pavement markings at several locations in the city of Traverse City, Grand Traverse County. This is a Local Agency project.

3.00 % DBE participation required

- | | | |
|-----|--|--|
| 45. | Letting of May 1, 2020
Letting Call: 2005 060
Project: STUL 34445-132895
Local Agreement: 20-5170
Start Date: 10 days after award
Completion Date: October 30, 2020 | Prequalification Level:
\$2,059,000.00 |
|-----|--|--|

0.55 mi of hot mix asphalt reconstruction and shared use path, storm sewer, concrete curb and gutter and pavement markings on Steele Street from Adams Street to M-66 (Dexter Street) in the city of Ionia, Ionia County. This is a Local Agency project.

4.00 % DBE participation required

46. Letting of May 1, 2020
Letting Call: 2005 061
Project: BRT 31000-202444
Local Agreement: 20-5160
Start Date: 10 days after award
Completion Date: September 18, 2020

Prequalification Level:
\$1,359,000.00

Remove and replace bridge with three side segmental concrete culvert, guardrail and approach reconstruction on Superior Road over the Pilgrim River, Houghton County. This is a Local Agency project.

0.00 % DBE participation required

47. Letting of May 1, 2020
Letting Call: 2005 062
Project: STL 57000-206182
Local Agreement: 20-5133
Start Date: 10 days after award
Completion Date: November 15, 2020

Prequalification Level:
\$1,748,000.00

1.96 mi of hot mix asphalt base crushing, shaping and paving, peat excavation, swamp backfill and pavement markings on Burkett Road from Geers Road north to Falmouth Road, Missaukee County. This is a Local Agency project.

3.00 % DBE participation required

48. Letting of May 1, 2020
Letting Call: 2005 063
Project: HSIP 63000-207437
Local Agreement: 20-5157
Start Date: 10 days after award
Completion Date: June 25, 2021

Prequalification Level:
\$1,406,000.00

Traffic signal modernization, lighting, concrete curb and gutter, sidewalk and ramps and aggregate base at multiple intersections in the city of Pontiac, Oakland County. This is a Local Agency project.

3.00 % DBE participation required

49. Letting of May 1, 2020
Letting Call: 2005 066
Project: STL 37000-130259
Local Agreement: 20-5177
Start Date: 10 days after award
Completion Date: August 31, 2020

Prequalification Level:
\$942,000.00

27.48 mi of single course chip seal, fog seal and pavement markings on various routes in the village of Shepard, Isabella County. This is a Local Agency project.

0.00 % DBE participation required

50. Letting of May 1, 2020
Letting Call: 2005 276
Project: STU 41000-130600
Local Agreement: 20-5016, 50-2016
Start Date: 10 days after award
Completion Date: July 1, 2022

Prequalification Level:
\$3,204,000.00

0.79 mi of hot mix asphalt pavement, aggregate base, subbase, concrete curb, gutter, sidewalk and ramps, drainage structures, storm sewer, signing, landscaping and pavement markings on Hall Street from Fuller Avenue to Colorado Avenue, from Kalamazoo Avenue to Fuller Avenue and from Colorado Avenue to Sylvan Avenue in the city of Grand Rapids, Kent County. This is a Local Agency project.

5.00 % DBE participation required

51. Letting of May 6, 2020
Letting Call: 2005 605
Project: STUL 56000-129775
Local Agreement: 20-5154
Start Date: 10 days after award
Completion Date: November 15, 2020

Prequalification Level:
\$1,365,000.00

Up to 2.02 mi of adding center left-turn lane including hot mix asphalt cold milling and resurfacing, geosynthetic interlayer, concrete curb and gutter, storm sewer and pavement markings on Eastman Avenue from north of Commerce Drive to south of Monroe Road, Midland County. This project will be constructed using an innovative contracting method, Fixed Price Variable Scope. This is a Local Agency project.

4.00 % DBE participation required

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba
Director

DATE: April 20, 2020

TO: State Transportation Commission

FROM: Jack Cotter, CPA, CGMA
Commission Auditor
Office of Commission Audits

SUBJECT: Justification Memorandums

Attached for your information are the department's justification memorandums for Exhibit A-2 items where the low bid exceeded the engineer's estimate by more than ten percent.

Signed Original on File

Jack Cotter, CPA, CGMA
Commission Auditor

Attachments

cc: T. Hagon

DATE: March 18, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: March 6, 2020

Project Description: Placing scour countermeasures, articulating concrete block, riprap and earthwork on M-13/M-84 over the west channel of the Saginaw River, US-127 over Pine River and over Chippewa River and US-10 over Sturgeon Creek at 7 bridges in the cities of Bay City, St. Louis and Midland, Bay, Gratiot, Isabella and Midland Counties.

Project Number: 09032-203156

Item Number: 2003 067

Low Bidder: Anlaan Corporation

Eng. Est: \$848,366.63 Low Bid: \$1,908,137.58 Difference: \$1,059,770.95 Percent: 124.92

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 848,366.63
Anlaan Corporation	\$1,908,137.58

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were articulating concrete block system and minor traffic devices. These items were bid higher than normal due to multiple sites and a unique item of work. This project involves four locations and seven bridges spread over four counties and will require multiple mobilizations. Additional suspension and redeployment of equipment and labor may also be needed based on the potential for high-water elevation. Furthermore, the articulating concrete block system is a unique item of work with limited bid history. This item is used to cover the channel bottom from one side to another. The contractor must always consider the water diversion and the need to maintain the flow of water. This, and the multi-stage block placement and excavation needed for burying the toe of the riprap increased the cost. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

March 18, 2020

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of multiple sites and a unique item of work. This project received one bid of \$1,908,137.58. We believe that rejecting this bid and re-letting this project will not result in lower bids and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Bay Region Office request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
M. Irish	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
A. Mahdavi	S. Bates	J. Garza	R. Ranck	T. Sauter
J. O'Leary	T. Avramenko	M. Chynoweth	K. Kirkpatrick	

BOD:DD:QA:DLP:raw

DATE: April 7, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020

Project Description: Bridge rehabilitation including deck patching, epoxy overlay, railing and deck joint replacement, silane barriers and pressure relief joints, guardrail and approach work on US-31 over Laketon Avenue in the City of Muskegon, Muskegon County.

Project Number: 61072-207989

Item Number: 2004 016

Low Bidder: Grand River Construction, Inc.

Eng. Est: \$956,614.43 Low Bid: \$1,315,877.50 Difference: \$359,263.07 Percent: 37.56

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$ 956,614.43
Grand River Construction, Inc.	\$1,315,877.50
Anlaan Corporation	\$1,452,768.32

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were structures, rehabilitation, remove portions; superstructure concrete, form, finish, and cure, night casting; and minor traffic devices. These items were bid higher than normal due to the removal and forming requirements and construction schedule. Typically, just the rail would be removed; however, the contractor is required to remove both the railing and portions of the deck. Additionally, this project is using a new barrier shape, and new forms will need to be purchased. Also, partial deck replacement has increased forming costs due to the inability of the contractor to use stay-in-place forms. There are five stages of construction and each stage has its own interim completion date. The timeframes are tight and limits the flexibility the contractor can perform the work. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

April 7, 2020

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the removal and forming requirements, and construction schedule. This project received two bids of \$1,315,877.50 and \$1,452,768.32, which varied by 10.40 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Grand Region Office request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
M. Irish	D. Potvin	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
T. Sauter	J. O'Leary	T. Avramenko	K. Kirkpatrick	M. Chynoweth
J. DeRuyver	G. Zack	S. Rozema	E. Kind	

BOD:DD:QA:DLP:raw

DATE: April 7, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020

Project Description: 2.90 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk, pavement joint repair, pavement marking and railroad safety improvements including hot mix asphalt approach, concrete curb and gutter, earthwork and slope restoration on I-94BL (Dickman Road) from east of Helmer Road to west of I-194 southbound on-ramp and I-94BL at Grand Trunk Western (GTW) and Kendall Street at GTW in the city of Battle Creek, Calhoun County.

Project Number: 13131-204743

Item Number: 2004 029

Low Bidder: Michigan Paving and Materials Company

Eng. Est: \$4,326,531.73 Low Bid: \$5,140,761.76 Difference: \$814,230.03 Percent: 18.82

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$4,326,531.73
Michigan Paving and Materials Company	\$5,140,761.76
Rieth-Riley Construction Co., Inc.	\$7,052,579.42

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were cold milling and minor traffic devices. These items were bid higher than normal due to staging and maintaining traffic constraints. This project has a relatively aggressive schedule with multiple stages, including single lane closures and overnight full closures with detours. The majority portion of work is only allowed to be performed at night. During those stages, traffic must be maintained during the day and detoured overnight, which contributed to higher than expected costs. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of staging and maintaining traffic constraints. This project received two bids of \$5,140,761.76 and

April 7, 2020

\$7,052,579.42, which varied by 37.19 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Marshall TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
T. Sauter	J. O'Leary	T. Avramenko	K. Kirkpatrick	C. Hackworth
G. Finnila	K. Rothwell	W. Thompson		

BOD:DD:QA:RWC:raw

DATE: April 8, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020

Project Description: 2.82 mi of hot mix asphalt temporary shoulder widening, shoulder rehabilitation, crossovers and bridge rehabilitation with 21 inch prestressed concrete box beam and 28 inch prestressed concrete I beam on I-94 over Grand Elk Railroad and I-94 over Canadian National Railroad from Lover's Lane to east of Sprinkle Road in the cities of Kalamazoo and Portage, Kalamazoo County.

Project Number: 39022-206566

Item Number: 2004 030

Low Bidder: Kamminga & Roodvoets, Inc.

Eng. Est: \$4,030,298.40 Low Bid: \$5,433,463.70 Difference: \$1,403,165.30 Percent: 34.82

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$4,030,298.40
Kamminga & Roodvoets, Inc.	\$5,433,463.70
Milbocker and Sons, Inc.	\$5,445,999.50
C. A. Hull Co., Inc.	\$9,425,716.45

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate minor traffic devices; structures remove portions and superstructure concrete. These items were bid higher than normal due to schedule, staging, and work constraints. This project has an expedited construction schedule with multiple stages and includes night work. Only single lane closures are allowed, and no more than one closure is allowed in each direction at the same time. The structure removals include removing the existing bridge railing in order to widen the bridge. This work requires a partial depth sawcut of the deck. If the reinforcing steel in the deck is cut, the contractor must drill into the existing deck to get a development length of steel to splice with steel in the new deck section. This is tedious and time-consuming work, leading to an increase in cost. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

April 8, 2020

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of schedule, staging, and work constraints. This project received three bids ranging from \$5,433,463.70 to \$9,425,716.45, which varied by 73.48 percent. The two lowest bids varied by just 0.23 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Kalamazoo TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
T. Sauter	J. O'Leary	T. Avramenko	K. Kirkpatrick	M. Chynoweth
W. Thompson	J. Sytsma	A. Stamm	K. Rothwell	

BOD:DD:QA: RWC:raw

DATE: April 8, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020

Project Description: 1.08 mi of hot mix asphalt cold milling and resurfacing with sidewalk ramp upgrades on US-10 from Rowe Street to James Street and M-116 (Ludington Avenue to Lakeshore Drive) from James Street to Tinkham Avenue.

Project Number: 53011-200681

Item Number: 2004 092

Low Bidder: Rieth-Riley Construction Co., Inc.

Eng. Est: \$906,160.73 Low Bid: \$1,147,493.36 Difference: \$241,332.63 Percent: 26.63

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$906,160.73
Rieth-Riley Construction Co., Inc.	\$1,147,493.36
Elmer's Crane and Dozer, Inc.	\$1,228,937.43

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were curb and gutter removal; hand patching; hot mix asphalt items; minor traffic devices and traffic regulator control. These items were bid higher than normal, due to seasonal limitations, complex traffic control and non-productive segments of work. This project must be completed between September 14 and October 30, 2020 to avoid summer tourist traffic and seasonal suspension of work. These time constraints may have led to increased prices to the major items of work. Additionally, lanes must be opened and closed to traffic multiple times each workday, and all lanes must be open on weekdays from 6AM to 9AM and 3PM to 9PM and all-day Sundays. The work to open and close lanes multiple times each day likely led to an increase in cost for the traffic items. Also, the work will be performed in short segments of non-productive paving and removals, which led to an increase in costs for the paving, patching and removal items. The estimator considered these factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of seasonal limitations, complex traffic control and non-productive segments of work. This project received two bids of \$1,147,493.36 and \$1,228,937.43, which varied by 7.10 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Muskegon TSC request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
T. Sauter	J. O'Leary	T. Avramenko	K. Kirkpatrick	M. Block
G. Zack	S. Rozema	E. Kind		

BOD:DD:QA:RWC:raw

DATE: April 9, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020

Project Description: 0.91 mi of hot mix asphalt cold milling and resurfacing, aggregate base, concrete curb, gutter and ramps, culverts, temporary sheet piling, modular block wall, signing and pavement markings on Hill Road from Saginaw Road to Center Road, Genesee County.

Project Number: 25000-130616

Item Number: 2004 061

Low Bidder: Superior Contracting Group L. L. C.

Eng. Est: \$2,412,892.00 Low Bid: \$2,780,966.95 Difference: \$368,074.95 Percent: 15.25

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$2,412,892.00
Superior Contracting Group L.L.C.	\$2,780,966.95
Angelo Iafrate Construction Company	\$2,969,610.00
Rohde Bros. Excavating, Inc.	\$3,047,493.35
Zito Construction	\$3,453,933.75

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate were pavement removal, embankment, excavation, and minor traffic devices. These items were bid higher than normal due to the unique project location. This project covers both residential and business use, two cemeteries, and a major railroad crossing. The contractor must navigate right of way and narrow roads that create a tight workspace. In addition, the pavement removal is a modified pay item that includes removal of pavement, regardless of thickness, and includes brick and soil cement. Furthermore, the removal, excavation, and embankment work are adjacent to two cemeteries, a retaining wall, and a bridge, increasing costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the unique location with a tight workspace. This project received four bids, ranging from \$2,780,966.95 to \$3,453,933.75, which varied by 24.20 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Genesee County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
J. O'Leary	K. Kirkpatrick	T. Sauter	T. Avramenko	B. Schrinier
K. Brown	J. Garza	R. Ranck		

BOD:DD:QA:MJI:raw

DATE: April 9, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020
Project Description: Expansion of the existing SCOOT Adaptive Traffic Signal on various routes at 29 intersections in the city of Ann Arbor, Washtenaw County.
Project Number: 81000-202926
Item Number: 2004 065
Low Bidder: Dan's Excavating, Inc.

Eng. Est: \$1,095,796.00 Low Bid: \$1,247,660.43 Difference: \$151,864.43 Percent: 13.86

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$1,095,796.00
Dan's Excavating, Inc.	\$1,247,660.43
J. Ranck Electric, Inc.	\$1,256,825.90
Motor City Electric Utilities Company	\$1,312,689.01
Rauhorn Electric, Inc.	\$1,360,001.36

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be higher than the engineer's estimate were audiovisual tape coverage, minor traffic devices, and slope restoration. These items were bid higher than normal due to multiple work locations. This project consists of adaptive traffic signal installations at 29 different locations throughout the city of Ann Arbor. The contractor must mobilize and complete the work at each location, separately, increasing the costs. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of multiple work locations. This project received four bids ranging from \$1,247,660.43 to \$1,360,001.36, which varied by 9.00 percent. The two lowest bids varied by just 0.73 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the City of Ann Arbor request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
T. Sauter	J. O'Leary	T. Avramenko	K. Kirkpatrick	D. Parker
G. Masinda	D. Garcia	E. Chelotti		

BOD:DD:QA:RWC:raw

DATE: April 13, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020
Project Description: Bridge replacement and approach work on Second Street over the Flint River in the Village of Columbiaville, Lapeer County.
Project Number: 44000-206091
Item Number: 2004 075
Low Bidder: Hardman Construction, Inc.

Eng. Est: \$3,520,689.10 Low Bid: \$5,488,355.78 Difference: \$1,967,666.68 Percent: 55.89

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$3,520,689.10
Hardman Construction, Inc.	\$5,488,355.78
Anlaan Corporation	\$5,538,179.22
Toebe Construction LLC	\$6,199,546.42
Z Contractors, Inc.	\$8,606,787.13

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate are the lump sum bridge construction items for structure removal, cofferdams, pile driving and equipment, and concrete curing and night casing. These items were bid higher than normal due to the bridge location. This bridge is on a causeway with tall substructure units which usually see high water elevations. This spring, water elevations are higher than anticipated historically. In addition, the causeway is narrow with little room for construction access. Due to these reasons the bridge construction lump sum items to be higher than the engineer's estimate. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of a constrained construction area, and higher water elevations than expected. This project received four bids, ranging from \$5,488,355.78 to \$8,606,787.13 which varied by 56.82 percent. We

believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the village of Columbiaville request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
J. O'Leary	K. Kirkpatrick	T. Sauter	T. Avramenko	T. Barry
K. Brown	J. Garza	R. Ranck	M. Chynoweth	

BOD:DD:QA:MJI:raw

DATE: April 14, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020

Project Description: 0.98 mi of hot mix asphalt cold milling, resurfacing and widening, concrete curb, gutter and sidewalk, drainage and pavement markings on 13 Mile Road from Evergreen Road to Southfield Road in the cities of Beverly Hills and Southfield, Oakland County.

Project Number: 63000-205951

Item Number: 2004 077

Low Bidder: Ajax Paving Industries, Inc.

Eng. Est: \$2,217,550.75 Low Bid: \$2,610,750.85 Difference: \$393,200.10 Percent: 17.73

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$2,217,550.75
Ajax Paving Industries, Inc.	\$2,610,750.85
Pro-Line Asphalt Paving Corp.	\$2,717,998.45
Cadillac Asphalt, L.L.C	\$2,777,955.13
Fonson Company, Inc.	\$2,880,394.32

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate were station grading, cold milling, minor traffic devices, and traffic regulator control. These items were bid higher than normal due to the roadway cross section is not consistent throughout the project length. There are varying widths due to tapers, turn lanes, and variable depth cold milling required to pave to the proposed alignment. These two factors cause the pay items for station grading and cold milling to be higher than the engineer's estimate. Furthermore, construction staging for the project requires one-way traffic to be maintained for the duration of the project and restricts construction work times between the hours of 7:00 A.M. and 7:00 P.M., Monday through Friday and 9:00 A.M. to 5:00 P.M. on Saturday. In addition, work on the intersection within the project limits must be completed within a single weekend. These staging and maintaining traffic restrictions caused an increase in the pay items for minor traffic devices and traffic regulator control. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of the variable width of the roadway, depth of cold milling required, maintaining traffic, and construction activity time restrictions. This project received four bids, ranging from \$2,260,750.85 to \$2,880,394.32, which varied by 10.33 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the village of Beverly Hills request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseau	D. Grover	J. Gutting	E. Poole
J. O'Leary	K. Kirkpatrick	T. Sauter	T. Avramenko	B. Schrinier
L. Swanson	S. Minton	K. Avery		

BOD:DD:QA:MJI:raw

DATE: April 7, 2020

TO: Patrick J. McCarthy, Director
Bureau of Finance and Administration

FROM: Bradley C. Wieferich, Director
Bureau of Development

SUBJECT: Justification Memo for Bid Acceptance in Excess of 10 Percent of Engineer Estimate

Letting Date: April 3, 2020

Project Description: 2.50 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on Luce Road from Skyline Drive north to M-57, Gratiot County.

Project Number: 29000-206064

Item Number: 2004 087

Low Bidder: Central Asphalt, Inc.

Eng. Est: \$473,722.65 Low Bid: \$525,760.34 Difference: \$52,037.69 Percent: 10.98

The following shows the engineer's estimate and the proposed bids received for this project:

Engineer's Estimate	\$473,722.65
Central Asphalt, Inc.	\$525,760.34
Michigan Paving and Materials Company	\$562,519.05
Rieth-Riley Construction Co., Inc.	\$573,761.50

EXPLANATION FOR DIFFERENCES

The low bidder had unit prices that varied from the normal range. The main items found to be bid higher than the engineer's estimate were hot mix asphalt items, minor traffic devices and traffic regulator control. These items were bid higher than normal because of the project location. This project, adjacent to Rainbow Lake, experiences an increase in traffic volumes in the summer months due to seasonal homes and boat access to the lake. The increase in the hot mix asphalt prices are a result of limited space available to complete the paving operations. The project construction schedule is aggressive with a completion date by July 3, 2020. Furthermore, work is prohibited on Memorial Day weekend in order to maintain access for all residents and the lake. This resulted in an increase in costs for minor traffic devices and traffic regulator control. The local agency estimator considered several factors when estimating this project but was unable to precisely predict the unit prices.

OVERALL CONCLUSION

As indicated in the above analysis, the low bid is over the engineer's estimate because of limited space available to complete the work while maintaining traffic with access to the residents,

April 7, 2020

summer homes, and lake access with completion before the busy summer season. This project received three bids ranging from \$525,760.34 to \$573,761.50, which varied by 9.13 percent. We believe that rejecting this bid and re-letting this project will not result in lower bids, and the low bid should be considered reasonable, based on the factors discussed.

The Bureau of Development and the Gratiot County Road Commission request that this project be awarded to the low bidder, based on the above conclusion.

Director, Bureau of Development

cc: J. Cotter	D. Harr	S. Thurman	T. Kratofil	Director Ajegba
V. Lake	R. Welter	L. Strzalka	C. Rademacher	MDOT-eProposal
K. Schuster	J. Hinkle	M. Shulick	C. Tennes	R. Worgess-Carveth
D. Potvin	M. Irish	H. Stinson	K. Curtis	K. Farlin
L. Bretz	C. Masseur	D. Grover	J. Gutting	E. Poole
J. O'Leary	K. Kirkpatrick	T. Sauter	T. Avramenko	D. Spencley
C. Lorenz	J. Garza	R. Ranck		

BOD:DD:QA:MJI:raw

REQUEST FOR MICHIGAN STATE
TRANSPORTATION COMMISSION APPROVAL
LETTING EXCEPTIONS AGENDA

April 23, 2020

TRUNKLINE CONTRACTS

- | | | |
|----|---|--|
| 1. | Letting of March 6, 2020
Letting Call: 2003 067
Project: NH 09032-203156
Local Agreement:
Start Date: July 6, 2020
Completion Date: October 30, 2020 | Low Bid: \$1,908,137.58
Engineer Estimate: \$848,366.63
Pct Over/Under Estimate: 124.92 % |
|----|---|--|

Placing scour countermeasures, articulating concrete block, riprap and earthwork on M-13/M-84 over the west channel of the Saginaw River, US-127 over Pine River and over Chippewa River and US-10 over Sturgeon Creek at 7 bridges in the cities of Bay City, St. Louis and Midland, Bay, Gratiot, Isabella and Midland Counties.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked
Anlaan Corporation	\$1,908,137.58	Same 1 **

Total Number of Bidders: 1

- | | | |
|----|---|--|
| 2. | Letting of April 3, 2020
Letting Call: 2004 016
Project: M 61072-207989
Local Agreement:
Start Date: April 20, 2020
Completion Date: June 25, 2021 | Low Bid: \$1,315,877.50
Engineer Estimate: \$956,614.43
Pct Over/Under Estimate: 37.56 % |
|----|---|--|

Bridge rehabilitation including deck patching, epoxy overlay, railing and deck joint replacement, silane barriers and pressure relief joints, guardrail and approach work on US-31 over Laketon Avenue in the city of Muskegon, Muskegon County. This project includes a 5-year thin epoxy overlay warranty.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Grand River Construction, Inc.	\$1,315,877.50	Same	1 **
Anlaan Corporation	\$1,452,768.32	Same	2

Total Number of Bidders: 2

3. Letting of April 3, 2020
Letting Call: 2004 018
Project: HSIP 73000-206487
Local Agreement:
Start Date: May 26, 2020
Completion Date: November 13, 2020

Low Bid: **\$596,746.00**
Engineer Estimate: \$549,349.98
Pct Over/Under Estimate: 8.63 %

Application of special pavement markings on various routes, Genesee, Lapeer and Shiawassee Counties.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
P.K. Contracting, Inc.	\$596,746.00	Same	1 **

Total Number of Bidders: 1

4. Letting of April 3, 2020
Letting Call: 2004 028
Project: HSIP 63000-206543
Local Agreement:
Start Date: May 11, 2020
Completion Date: December 1, 2020

Low Bid: **\$858,761.85**
Engineer Estimate: \$821,723.51
Pct Over/Under Estimate: 4.51 %

Application of special pavement markings on various routes, Macomb, Oakland and Wayne Counties.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
P.K. Contracting, Inc.	\$868,461.85	\$858,761.85	1 **

Total Number of Bidders: 1

5. Letting of April 3, 2020
 Letting Call: 2004 029
 Project: NH 13131-204743, ETC
 Local Agreement: 20-5058
 Start Date: May 4, 2020
 Completion Date: August 28, 2020
- Low Bid: **\$5,140,761.76**
 Engineer Estimate: \$4,326,531.73
 Pct Over/Under Estimate: 18.82 %

2.90 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk, pavement joint repair, pavement marking and railroad safety improvements including hot mix asphalt approach, concrete curb and gutter, earthwork and slope restoration on I-94BL (Dickman Road) from east of Helmer Road to west of I-194 southbound on-ramp and I-94BL at Grand Trunk Western (GTW) and Kendall Street at GTW in the city of Battle Creek, Calhoun County.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Michigan Paving and Materials Company	\$5,140,761.76	Same	1 **
Rieth-Riley Construction Co., Inc.	\$7,052,579.42	Same	2

Total Number of Bidders: 2

6. Letting of April 3, 2020
 Letting Call: 2004 030
 Project: NH 39022-206566
 Local Agreement:
 Start Date: May 18, 2020
 Completion Date: November 14, 2020
- Low Bid: **\$5,433,463.70**
 Engineer Estimate: \$4,030,298.40
 Pct Over/Under Estimate: 34.82 %

2.82 mi of hot mix asphalt temporary shoulder widening, shoulder rehabilitation, crossovers and bridge rehabilitation with 21 inch prestressed concrete box beam and 28 inch prestressed concrete I beam on I-94 over Grand Elk Railroad and I-94 over Canadian National Railroad from Lover's Lane to east of Sprinkle Road in the cities of Kalamazoo and Portage, Kalamazoo County.

5.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Kamminga & Roodvoets, Inc.	\$5,433,463.70	Same	1 **
Milbocker and Sons, Inc.	\$5,445,999.50	Same	2
C. A. Hull Co., Inc.	\$9,425,716.45	Same	3

Total Number of Bidders: 3

7. Letting of April 3, 2020
 Letting Call: 2004 092
 Project: ST 53011-200681
 Local Agreement: 19-5622
 Start Date: September 14, 2020
 Completion Date: June 18, 2021
- Low Bid: **\$1,147,493.36**
 Engineer Estimate: \$906,160.73
 Pct Over/Under Estimate: 26.63 %

1.08 mi of hot mix asphalt cold milling and resurfacing with sidewalk ramp upgrades on US-10 from Rowe Street to James Street and M-116 (Ludington Avenue to Lakeshore Drive) from James Street to Tinkham Avenue. This project includes a 3-year materials and workmanship pavement warranty.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Rieth-Riley Construction Co., Inc.	\$1,147,493.36	Same	1 **
Elmer's Crane and Dozer, Inc.	\$1,228,937.43	Same	2

Total Number of Bidders: 2

LOCAL AGENCY CONTRACTS

8. Letting of April 3, 2020
 Letting Call: 2004 037
 Project: TA 28000-202742-2
 Local Agreement: 19-5310
 Start Date: May 11, 2020
 Completion Date: September 16, 2022
- Low Bid: **\$2,043,142.00**
 Engineer Estimate: \$1,861,048.25
 Pct Over/Under Estimate: 9.78 %

1.00 mi of hot mix asphalt shared use path, concrete shared use path, retaining wall, curb, gutter, sidewalk and ramps, drainage, fencing, riprap and pavement markings along Cass Road and on Dendrin Drive from Northwestern Michigan College to 14th Street in the city of Traverse City, Grand Traverse County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Elmer's Crane and Dozer, Inc.	\$2,043,142.00	Same	1 **

Total Number of Bidders: 1

9. Letting of April 3, 2020
 Letting Call: 2004 061
 Project: EDC 25000-130616
 Local Agreement: 20-5111
 Start Date: 10 days after award
 Completion Date: October 2, 2020
- Low Bid: **\$2,780,966.95**
 Engineer Estimate: \$2,412,892.00
 Pct Over/Under Estimate: 15.25 %

0.91 mi of hot mix asphalt cold milling and resurfacing, aggregate base, concrete curb, gutter and ramps, culverts, temporary sheet piling, modular block wall, signing and pavement markings on Hill Road from Saginaw Road to Center Road, Genesee County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Superior Contracting Group L.L.C.	\$2,780,966.95	Same	1 **
Angelo Iafrate Construction Company	\$2,969,610.00	Same	2
Rohde Bros. Excavating, Inc.	\$3,047,493.35	Same	3
Zito Construction	\$3,453,933.75	Same	4

Total Number of Bidders: 4

10. Letting of April 3, 2020
 Letting Call: 2004 065
 Project: CPMG 81000-202926
 Local Agreement: 20-5086
 Start Date: June 30, 2020
 Completion Date: December 18, 2020
- Low Bid: **\$1,247,660.43**
 Engineer Estimate: \$1,095,796.00
 Pct Over/Under Estimate: 13.86 %

Expansion of the existing SCOOT Adaptive Traffic Signal on various routes at 29 intersections in the city of Ann Arbor, Washtenaw County. This is a Local agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Dan's Excavating, Inc.	\$1,247,660.43	Same	1 **
J. Ranck Electric, Inc.	\$1,256,825.90	Same	2
Motor City Electric Utilities Company	\$1,312,689.01	Same	3
Rauhorn Electric, Inc.	\$1,360,001.36	Same	4

Total Number of Bidders: 4

11. Letting of April 3, 2020
 Letting Call: 2004 075
 Project: BRT 44000-206091
 Local Agreement: 20-5019
 Start Date: 10 days after award
 Completion Date: May 28, 2021
- Low Bid: **\$5,488,355.78**
 Engineer Estimate: \$3,520,689.10
 Pct Over/Under Estimate: 55.89 %

Bridge replacement and approach work on Second Street over the Flint River in the village of Columbiaville, Lapeer County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Hardman Construction, Inc.	\$5,488,355.78	Same	1 **
Anlaan Corporation	\$5,538,179.22	Same	2
Toebe Construction LLC	\$6,199,546.42	Same	3
Z Contractors, Inc.	\$8,606,787.13	Same	4

Total Number of Bidders: 4

12. Letting of April 3, 2020
 Letting Call: 2004 077
 Project: STU 63000-205951
 Local Agreement: 20-5104
 Start Date: June 13, 2020
 Completion Date: May 27, 2021
- Low Bid: **\$2,610,750.85**
 Engineer Estimate: \$2,217,550.75
 Pct Over/Under Estimate: 17.73 %

0.98 mi of hot mix asphalt cold milling, resurfacing and widening, concrete curb, gutter and sidewalk, drainage and pavement markings on 13 Mile Road from Evergreen Road to Southfield Road in the cities of Beverly Hills and Southfield, Oakland County. This is a Local Agency project.

4.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Ajax Paving Industries, Inc.	\$2,610,750.85	Same	1 **
Pro-Line Asphalt Paving Corp.	\$2,717,998.45	Same	2
Cadillac Asphalt, L.L.C.	\$2,777,955.13	Same	3
Fonson Company, Inc.	\$2,880,394.32	Same	4

Total Number of Bidders: 4

13. Letting of April 3, 2020
Letting Call: 2004 087
Project: STL 29000-206064
Local Agreement: 20-5066
Start Date: May 18, 2020
Completion Date: July 3, 2020

Low Bid: **\$525,760.34**
Engineer Estimate: \$473,722.65
Pct Over/Under Estimate: 10.98 %

2.50 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on Luce Road from Skyline Drive north to M-57, Gratiot County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked	
Central Asphalt, Inc.	\$525,760.34	Same	1 **
Michigan Paving and Materials Company	\$562,519.05	Same	2
Rieth-Riley Construction Co., Inc.	\$573,761.50	Same	3

Total Number of Bidders: 3

On receipt of your approval, projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the project described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba, P.E.

Director

INFORMATION FOR MICHIGAN STATE
TRANSPORTATION COMMISSION

April 23, 2020

The following project information is being provided for informational purposes, as requested by the State Transportation Commission.

TRUNKLINE CONTRACT

- | | | |
|----|---|--|
| 1. | Letting of April 3, 2020
Letting Call: 2004 002
Project: HSIP 41000-206541
Local Agreement:
Start Date: April 15, 2020
Completion Date: November 1, 2020 | Low Bid: \$288,215.55
Engineer Estimate: \$271,184.10
Pct Over/Under Estimate: 6.28 % |
|----|---|--|

Application of permanent special marking pavement markings on various routes, Mason, Muskegon and Oceana Counties.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked
P.K. Contracting, Inc.	\$288,215.55	Same 1 **

Total Number of Bidders: 1

LOCAL AGENCY CONTRACTS

2. Letting of March 6, 2020
Letting Call: 2003 029
Project: HSIP 21000-207351
Local Agreement: 20-5021
Start Date: 10 days after award
Completion Date: August 7, 2020
- Low Bid: **\$167,292.48**
Engineer Estimate: \$149,240.00
Pct Over/Under Estimate: 12.10 %

0.68 mi of guardrail installation, aggregate shoulders, clearing, slope restoration, sign removal and pavement markings on County Road 420 from the Escanaba River to west of O Lane, Delta County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked
Action Traffic Maintenance, Inc.	\$167,292.48	Same 1 **

Total Number of Bidders: 1

3. Letting of April 3, 2020
Letting Call: 2004 070
Project: STL 81000-202702
Local Agreement: 20-5091
Start Date: June 8, 2020
Completion Date: August 21, 2020
- Low Bid: **\$332,500.00**
Engineer Estimate: \$355,316.16
Pct Over/Under Estimate: -6.42 %

0.75 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, signing and pavement markings on Dutch Drive from M-52 east to Hibbard Street in the village of Manchester, Washtenaw County. This is a Local Agency project.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked
Cadillac Asphalt, L.L.C.	\$332,500.00	Same 1 **

Total Number of Bidders: 1

4. Letting of April 3, 2020
Letting Call: 2004 071
Project: STL 77000-205749
Local Agreement: 20-5072
Start Date: May 15, 2020
Completion Date: June 15, 2021

Low Bid: **\$384,627.99**
Engineer Estimate: \$350,638.37
Pct Over/Under Estimate: 9.69 %

1.74 mi of single chip seal and hot mix asphalt overlay, concrete curb and gutter, aggregate base, earthwork and pavement markings on North Road from Lightle Road north to M-136, St. Clair County. This is a Local Agency project.

0.00 % DBE participation required

Bidder	As-Submitted	As-Checked
Ace-Saginaw Paving Company	\$384,627.99	Same 1 **

Total Number of Bidders: 1

These projects, for which the bid is under Five Hundred Thousand Dollars (\$500,000) and has less than two (2) bidders or is a low bid rejection or have other bid issues, are being submitted for informational purposes. The contracts for these projects will, at the Director's discretion, be processed and awarded to the low bidder. I approve the projects described in this agenda and authorize the award by the responsible management staff of MDOT to the extent authorized by and in accordance with the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum February 11, 2019.

Respectfully submitted,

Signed copy on file

Paul C. Ajegba P.E.
Director